

Search History. (23 pp.) ~~17~~ (3/30/05)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6,377,321").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 14:28

L3	75	(US-20010004108-\$ or US-20010035918-\$ or US-20020015015-\$ or US-20020027630-\$ or US-20020057239-\$ or US-20020067454-\$ or US-20020089479-\$ or US-20020126245-\$ or US-20030011729-\$ or US-20030020857-\$ or US-20030067575-\$ or US-20030076455-\$ or US-20030095228-\$ or US-20030123004-\$ or US-20030128314-\$ or US-20030151710-\$ or US-20040066480-\$ or US-20040125294-\$).did. or (US-3938880-\$ or US-4632514-\$ or US-4917471-\$ or US-4923286-\$ or US-5357358-\$ or US-5488499-\$ or US-5514426-\$ or US-5566010-\$ or US-5576860-\$ or US-5579142-\$ or US-5581381-\$ or US-5597626-\$ or US-5661533-\$ or US-5712696-\$ or US-5719651-\$ or US-5726729-\$ or US-5730899-\$ or US-5880801-\$ or US-5943580-\$ or US-6061042-\$ or US-6078375-\$ or US-6094244-\$ or US-6133975-\$ or US-6266113-\$ or US-6287649-\$ or US-6288762-\$).did. or (US-6351299-\$ or US-6377321-\$ or US-6392725-\$ or US-6414669-\$ or US-6420000-\$ or US-6437845-\$ or US-6440506-\$ or US-6469768-\$ or US-6549256-\$ or US-6577356-\$ or US-6583838-\$ or US-6583842-\$ or US-6600537-\$ or US-6602563-\$ or US-6674504-\$ or US-6707518-\$ or US-6730241-\$ or US-6744418-\$ or US-6784955-\$).did. or (WO-9716503-\$).did. or (JP-06102485-\$ or JP-08248448-\$ or JP-09125062-\$ or JP-10333121-\$ or JP-11242213-\$ or JP-63206724-\$).did. or (JP-08248448-\$ or JP-10333121-\$ or JP-11242213-\$ or JP-2001100256-\$ or JP-2003248227-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/30 14:28
----	----	--	---	----	-----	------------------

L4	4	okada.in. and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 15:10
L5	1274	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/128) or (349/168) or (349/169) or (349/173) or (349/177)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/30 15:11
L6	52	5 and "d/P"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 15:12
S1	1	jp-06102485\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 10:10
S2	22	focal adj conic and liquid adj crystal and helical adj axis and thickness and intermediate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 11:22
S3	979	ferroelectric near6 liquid adj crystal and helical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 13:02
S4	493	ferroelectric near6 liquid adj crystal.ti,ab,clm. and helical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 13:02
S5	198	ferroelectric near6 liquid adj crystal.ti,ab,clm. and helical.ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 13:04
S6	106	ferroelectric near6 liquid adj crystal.ti,ab,clm. and helical.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 13:04
S7	19	ferroelectric near6 liquid adj crystal.ti,ab,clm. and helical.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 13:05

S8	4	liquid adj crystal.ti,ab. and second adj substrate and "pixels" and matrix and helical and stable adj "states" and planar adj state and focal adj conic adj state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 13:32
S9	512	cholesteric near4 helical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 13:32
S10	71	cholesteric near2 helical.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 14:29
S11	0	threshold adj voltage near12 homeotropic and focal adj conic near12 liquid adj crystal.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 14:30
S12	2	voltage near12 homeotropic and focal adj conic near12 liquid adj crystal.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 14:36
S13	29	first adj2 voltage and second adj2 voltage and homeotropic and focal adj conic and (lcd liquid adj crystal adj display)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 15:30
S14	1323	alignment adj layer near12 substrate and (liquid adj crystal adj display lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 15:48
S15	620	alignment adj layer near12 substrate.ti,ab. and (liquid adj crystal adj display lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 15:48
S16	436	alignment adj layer near12 substrate.ti,ab. and (liquid adj crystal adj display lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/09/06 15:48
S17	115	second adj alignment adj layer near12 substrate.ti,ab,clm. and (liquid adj crystal adj display lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/09/06 15:51

S18	0	vertical adj alignment adj layer near12 horizontal adj alignment adj layer near12 substrate and (liquid adj crystal adj display lcd). ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/09/06 15:59
S19	0	vertical near4 alignment adj layer near12 horizontal near4 alignment adj layer near12 substrate and (liquid adj crystal adj display lcd). ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/09/06 15:59
S20	7	(US-5661533-\$ or US-6094244-\$ or US-6266113-\$ or US-6377321-\$ or US-6414669-\$).did. or (US-20020089479-\$).did. or (JP-06102485-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2003/09/06 16:11
S21	0	vertical adj alignment near12 horizontal adj alignment and (liquid adj crystal adj display lcd). ti,ab,clm.	US-PGPUB; USPAT; JPO	OR	OFF	2003/09/06 17:17
S22	86	(349/85).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S23	22	(349/94).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S24	98	(349/99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S25	62	(349/102).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S26	39	(349/103).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18

S27	421	(349/123).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S28	283	(349/168).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S29	87	(349/169).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S30	38	(349/173).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:18
S31	147	(349/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:48
S32	7	(((349/85).CCLS.) ((349/94).CCLS.) ((349/99).CCLS.) ((349/102).CCLS.) ((349/103).CCLS.) ((349/123).CCLS.) ((349/128).CCLS.) ((349/168).CCLS.) ((349/169).CCLS.) ((349/173).CCLS.)) and vertical\$2 near2 align\$4 and horizontal\$2 near2 align\$4 and liquid adj crystal and (thickness thick) near12 liquid adj crystal adj (layer film)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/09/06 17:51
S33	16	(US-6414669-\$ or US-5661533-\$ or US-6266113-\$ or US-6078375-\$ or US-6288762-\$ or US-6577356-\$ or US-5880801-\$ or US-6094244-\$ or US-6377321-\$ or US-6437845-\$ or US-6549256-\$ or US-6287649-\$).did. or (US-20020089479-\$ or US-20030020857-\$ or US-20030151710-\$).did. or (JP-06102485-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/02/07 16:05

S34	1	jp-06102485\$-.did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/02/07 16:05
S35	1	jp-06102485\$-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/07 16:06
S36	44	okada.in. and liquid adj crystal and gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/07 16:07
S37	1218	((349/85).CCLS.) ((349/94).CCLS.) ((349/99).CCLS.) ((349/102). CCLS.) ((349/103).CCLS.) ((349/123).CCLS.) ((349/128). CCLS.) ((349/168).CCLS.) ((349/169).CCLS.) ((349/173). CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/07 18:50
S38	15	((349/85).CCLS.) ((349/94).CCLS.) ((349/99).CCLS.) ((349/102). CCLS.) ((349/103).CCLS.) ((349/123).CCLS.) ((349/128). CCLS.) ((349/168).CCLS.) ((349/169).CCLS.) ((349/173). CCLS.)) and thickness near6 threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 17:14
S39	17	(US-5661533-\$ or US-6094244-\$ or US-6414669-\$ or US-6377321-\$ or US-6549256-\$ or US-6437845-\$ or US-6287649-\$ or US-6266113-\$ or US-5880801-\$ or US-6078375-\$ or US-6288762-\$ or US-6577356-\$ or US-5719651-\$).did. or (US-20020089479-\$ or US-20030151710-\$ or US-20030020857-\$).did. or (JP-06102485-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/02/24 12:56
S40	2	("6377321").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/24 13:02
S41	1	jp-06102485\$-.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/24 13:05

S42	2	("5719651").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/24 14:39
S43	2	("5943580").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/24 14:39
S44	0	helical adj pitch near8 thickness and (liquid adj crystal adj display lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 15:38
S45	126	helical adj pitch near8 thickness and (liquid adj crystal adj display lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/16 21:03
S46	0	"0390309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 16:22
S47	4	"039309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 16:28
S48	2	("6377321").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 16:28
S49	0	("(liquidadjcrystaladj(displaydevice)lcd).ti,ab,clm. and(stepsteppedstepwise)near6thickness").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 16:43
S50	1045	(liquid adj crystal adj (display device) lcd).ti,ab,clm. and (step step-wise stepwise stepped) near8 (thickness thick)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 16:44

S51	436	(liquid adj crystal adj (display device) lcd).ti,ab,clm. and (step step-wise stepwise stepped) near3 (thickness thick)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 16:44
S52	37	(liquid adj crystal adj (display device) lcd).ti,ab,clm. and (step step-wise stepwise stepped) near3 (thickness thick) and chiral and nematic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/22 16:48
S53	28	(349/107).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 10:11
S54	2	("6414669").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/23 12:48
S55	4	"039309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/23 10:28
S56	1	"039309".ap. and pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/23 10:31
S57	2	("6377321").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/23 10:31
S58	77	focal near6 homeotropic and (liquid adj crystal lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/23 12:49
S59	26	focal adj conic near6 homeotropic and planar near6 focal adj conic and (liquid adj crystal lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/23 13:19
S60	74	(349/85).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:20
S61	26	(349/94).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:20

S62	99	(349/99).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:21
S63	66	(349/102).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:22
S64	39	(349/103).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:23
S65	455	(349/123).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:27
S66	156	(349/128).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:28
S67	99	(349/168).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:29
S68	59	(349/169).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:30
S69	39	(349/173).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/23 13:30
S70	24	(US-6377321-\$ or US-6707518-\$ or US-4917471-\$ or US-5943580-\$ or US-5719651-\$ or US-6078375-\$ or US-6288762-\$ or US-6577356-\$ or US-5880801-\$ or US-6266113-\$ or US-6094244-\$ or US-6414669-\$ or US-6287649-\$ or US-6437845-\$ or US-5661533-\$ or US-6549256-\$).did. or (US-20030095228-\$ or US-20030011729-\$ or US-20020027630-\$ or US-20030151710-\$ or US-20030020857-\$ or US-20020089479-\$ or US-20010035918-\$).did. or (JP-06102485-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/09/11 17:52
S71	2	("6351299").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/24 12:34

S72	0	((applicantinremarksof07/02/04) or (confusesP/dwithd/P. Iwascorrect(lookedaton7/24/04))). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/24 14:03
S73	0	("39309.ap.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 16:12
S74	4	"039309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 16:19
S75	4	(("6377321") or ("6351299")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 16:19
S76	1297	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 17:13
S77	7	(((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.) and (liquid adj crystal LCD) and helical adj pitch and thickness and planar and focal adj conic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 20:58
S78	4	(((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.) and (liquid adj crystal LCD) and helical adj pitch and thickness and planar and focal adj conic and liquid adj crystal adj (film layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 18:33

S79	0	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.) and (liquid adj crystal LCD) and helical adj pitch and thickness and planar and focal adj conic and thickness near4 liquid adj crystal adj (film layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 18:33
S80	0	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.) and (liquid adj crystal LCD) and helical adj pitch and thickness and planar and focal adj conic and thickness near4 liquid adj crystal adj (film layer region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 18:33
S81	0	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.) and (liquid adj crystal LCD) and helical adj pitch and thickness and planar and focal adj conic and thickness near4 liquid adj crystal adj (film layer region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/11 18:33
S82	0	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.) and (liquid adj crystal LCD) and helical adj pitch and thickness and planar and focal adj conic and thickness near8 liquid adj crystal adj (film layer region)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/11 18:34
S83	3	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/128)).CCLS.) and (liquid adj crystal LCD) and helical adj pitch and thickness and planar and focal adj conic and thickness near8 (LCR liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 17:12

S84	1	"349"/\$10.ccis. and (LCL liquid adj crystal adj layer LCR) near12 thickness same helical adj pitch and focal adj conic and planar and "pixels"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/11 20:05
S85	2	("20020089479").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 20:06
S86	1	jp-06102485\$-\$ did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 20:59
S87	2	("6414669").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 21:00
S88	2	("4632514").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 21:01
S89	2	("5880881").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 21:01
S90	2	("4880881").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/11 21:01

S91	30	(US-5719651-\$ or US-6266113-\$ or US-5943580-\$ or US-6351299-\$ or US-4917471-\$ or US-6707518-\$ or US-6674504-\$ or US-6577356-\$ or US-6078375-\$ or US-6602563-\$ or US-6392725-\$ or US-3938880-\$ or US-5880801-\$ or US-6549256-\$ or US-6437845-\$ or US-6377321-\$ or US-6094244-\$ or US-5661533-\$ or US-6287649-\$ or US-6288762-\$ or US-6414669-\$).did. or (US-20020027630-\$ or US-20010035918-\$ or US-20020089479-\$ or US-20030011729-\$ or US-20010004108-\$ or US-20030151710-\$ or US-20030020857-\$ or US-20030095228-\$).did. or (JP-06102485-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/09/11 21:02
S92	1	((US-5719651-\$ or US-6266113-\$ or US-5943580-\$ or US-6351299-\$ or US-4917471-\$ or US-6707518-\$ or US-6674504-\$ or US-6577356-\$ or US-6078375-\$ or US-6602563-\$ or US-6392725-\$ or US-3938880-\$ or US-5880801-\$ or US-6549256-\$ or US-6437845-\$ or US-6377321-\$ or US-6094244-\$ or US-5661533-\$ or US-6287649-\$ or US-6288762-\$ or US-6414669-\$).did. or (US-20020027630-\$ or US-20010035918-\$ or US-20020089479-\$ or US-20030011729-\$ or US-20010004108-\$ or US-20030151710-\$ or US-20030020857-\$ or US-20030095228-\$).did. or (JP-06102485-\$).did.) and scherer.in.	US-PGPUB; USPAT; JPO	OR	OFF	2004/09/11 21:02
S93	4	"039309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 16:31

S94	31	(US-6078375-\$ or US-5719651-\$ or US-6414669-\$ or US-6094244-\$ or US-6549256-\$ or US-6602563-\$ or US-6377321-\$ or US-6437845-\$ or US-6577356-\$ or US-6288762-\$ or US-5880801-\$ or US-6287649-\$ or US-5661533-\$ or US-6266113-\$ or US-6351299-\$ or US-4917471-\$ or US-6707518-\$ or US-4632514-\$ or US-6674504-\$ or US-6392725-\$ or US-3938880-\$ or US-5943580-\$).did. or (US-20020027630-\$ or US-20010004108-\$ or US-20020089479-\$ or US-20030095228-\$ or US-20030151710-\$ or US-20030020857-\$ or US-20010035918-\$ or US-20030011729-\$).did. or (JP-06102485-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/09/12 16:51
S95	1	((US-6078375-\$ or US-5719651-\$ or US-6414669-\$ or US-6094244-\$ or US-6549256-\$ or US-6602563-\$ or US-6377321-\$ or US-6437845-\$ or US-6577356-\$ or US-6288762-\$ or US-5880801-\$ or US-6287649-\$ or US-5661533-\$ or US-6266113-\$ or US-6351299-\$ or US-4917471-\$ or US-6707518-\$ or US-4632514-\$ or US-6674504-\$ or US-6392725-\$ or US-3938880-\$ or US-5943580-\$).did. or (US-20020027630-\$ or US-20010004108-\$ or US-20020089479-\$ or US-20030095228-\$ or US-20030151710-\$ or US-20030020857-\$ or US-20010035918-\$ or US-20030011729-\$).did. or (JP-06102485-\$).did.) and takiguchi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 16:51
S96	1618	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/177) or (349/128)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 17:13

S97	19	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/177) or (349/128)).CCLS.) and thickness near6 threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 17:15
S98	5	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/177) or (349/128)).CCLS.) and thickness near6 threshold and pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 17:22
S99	126	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/177) or (349/128)).CCLS.) and thickness near20 pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 17:42
S100	30	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/168) or (349/169) or (349/173) or (349/177) or (349/128)).CCLS.) and (bi adj stable bistable) and pixel and thickness near20 pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 18:36
S101	398	focal adj conic and "349"/\$9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 18:36
S102	38	focal adj conic near6 (dark bright) and "349"/\$9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 18:38
S103	0	biphenyl adj ester-based adj ferroelectric adj liquid adj crystal and focal adj conic and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 18:40
S104	0	biphenyl adj2 ferroelectric adj liquid adj crystal and focal adj conic and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 18:40

S10 5	7	biphenyl adj2 liquid adj crystal and focal adj conic and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/12 20:05
S10 6	3	("3938880").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 19:19
S10 7	2	("6377321").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 20:06
S10 8	0	(("6377321").PN.) and oligomer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/12 20:06
S10 9	0	"5576880".pn. and (matrix pixel pixels)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/13 07:35
S11 0	1	"5576860".pn. and (matrix pixel pixels)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/13 07:36
S11 1	4	"039309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 14:13
S11 2	2	("6414669").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/16 20:18
S11 3	95	homeotropic adj state and planar adj state and focal adj conic adj state and liquid adj crystal adj (display device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/16 20:20
S11 4	0	homeotropic adj state near22 planar adj state near22 focal adj conic adj state near22 liquid adj crystal adj (display device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/16 20:21

S11 5	0	homeotropic adj state near22 planar adj state near22 focal adj conic adj state and liquid adj crystal adj (display device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/16 20:21
S11 6	0	homeotropic near22 planar adj state near22 focal adj conic adj state and liquid adj crystal adj (display device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/16 20:21
S11 7	0	homeotropic near22 planar near22 focal adj conic adj state and liquid adj crystal adj (display device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/16 20:22
S11 8	23	homeotropic near22 planar near22 focal adj conic and liquid adj crystal adj (display device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/16 20:22
S11 9	22	homeotropic near22 planar near22 focal adj conic and liquid adj crystal adj (display device).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/16 21:02
S12 0	1252	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/128) or (349/168) or (349/169) or (349/173) or (349/177)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/29 09:19
S12 1	12	S120 and helical adj pitch near8 thickness and (liquid adj crystal adj display lcd).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/16 21:05
S12 2	24	helical adj pitch near8 thickness and (liquid adj crystal adj display lcd).ti,ab,clm.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/16 21:05
S12 3	1277	((349/85) or (349/94) or (349/99) or (349/102) or (349/103) or (349/123) or (349/128) or (349/168) or (349/169) or (349/173) or (349/177)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/29 09:19
S12 4	139	(liquid adj crystal adj display LCD) and helical and focal adj conic and homeotropic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 09:22

S12 5	2	JP-10-333121\$-\$ did. JP-11-242213\$-\$ did. JP-63-206724\$-\$ did. JP-08248448\$-\$ did. JP-56-138721\$-\$ did.	JPO; DERWENT	OR	ON	2005/03/29 09:24
S12 6	7	JP-10333121\$-\$ did. JP-11242213\$-\$ did. JP-63206724\$-\$ did. JP-08248448\$-\$ did. JP-56138721\$-\$ did.	JPO; DERWENT	OR	ON	2005/03/29 11:37
S12 7	161	hybrid adj alignment and liquid adj crystal adj display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 11:41
S12 8	5	hybrid adj alignment and liquid adj crystal adj display and "d/P"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 12:05
S12 9	0	hybrid adj alignment and liquid adj crystal adj display and "d/P" and planar adj state and homeotropic adj state and focal adj conic adj state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 12:06
S13 0	112	planar adj state and homeotropic adj state and focal adj conic adj state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 12:06
S13 1	101	planar adj state and homeotropic adj state and focal adj conic adj state and (liquid adj crystal adj display lcd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 12:07
S13 2	506	chiral adj nematic and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 14:14
S13 3	47	chiral adj nematic near10 helical and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 14:26

S13 4	949	cholesteric near10 nematic and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 14:26
S13 5	204	cholesteric near10 nematic.ti,ab, clm. and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 14:27
S13 6	204	cholesteric near10 nematic.ti,ab, clm. and lcd and cholesteric near10 nematic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/29 14:28
S13 7	162	"d/P" and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 07:41
S13 8	47	cholesteric-nematic and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 07:43
S13 9	2425	chiral adj nematic chiral-nematic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 07:43
S14 0	2425	chiral adj nematic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 07:43
S14 1	36	chiral adj nematic and "d/P" and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 08:09
S14 2	10	(US-6583838-\$ or US-6440506-\$ or US-6133975-\$ or US-6061042-\$ or US-5726729-\$ or US-5712696-\$ or US-5566010-\$).did. or (WO-9716503-\$).did. or (JP-2003248227-\$ or JP-2001100256-\$).did.	USPAT; EPO; DERWENT	OR	OFF	2005/03/30 08:09
S14 3	10	chiral adj nematic and "d/P" and S142	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/30 08:09

S14 4	16	threshold near4 voltage near4 focal adj conic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/30 10:10
----------	----	--	---	----	----	------------------

S14 5	75	(US-20010004108-\$ or US-20010035918-\$ or US-20020015015-\$ or US-20020027630-\$ or US-20020057239-\$ or US-20020067454-\$ or US-20020089479-\$ or US-20020126245-\$ or US-20030011729-\$ or US-20030020857-\$ or US-20030067575-\$ or US-20030076455-\$ or US-20030095228-\$ or US-20030123004-\$ or US-20030128314-\$ or US-20030151710-\$ or US-20040066480-\$ or US-20040125294-\$).did. or (US-3938880-\$ or US-4632514-\$ or US-4917471-\$ or US-4923286-\$ or US-5357358-\$ or US-5488499-\$ or US-5514426-\$ or US-5566010-\$ or US-5576860-\$ or US-5579142-\$ or US-5581381-\$ or US-5597626-\$ or US-5661533-\$ or US-5712696-\$ or US-5719651-\$ or US-5726729-\$ or US-5730899-\$ or US-5880801-\$ or US-5943580-\$ or US-6061042-\$ or US-6078375-\$ or US-6094244-\$ or US-6133975-\$ or US-6266113-\$ or US-6287649-\$ or US-6288762-\$).did. or (US-6351299-\$ or US-6377321-\$ or US-6392725-\$ or US-6414669-\$ or US-6420000-\$ or US-6437845-\$ or US-6440506-\$ or US-6469768-\$ or US-6549256-\$ or US-6577356-\$ or US-6583838-\$ or US-6583842-\$ or US-6600537-\$ or US-6602563-\$ or US-6674504-\$ or US-6707518-\$ or US-6730241-\$ or US-6744418-\$ or US-6784955-\$).did. or (WO-9716503-\$).did. or (JP-06102485-\$ or JP-08248448-\$ or JP-09125062-\$ or JP-10333121-\$ or JP-11242213-\$ or JP-63206724-\$).did. or (JP-08248448-\$ or JP-10333121-\$ or JP-11242213-\$ or JP-2001100256-\$ or JP-2003248227-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/30 12:23
S14 6	20	(bistable tri-stable) and lcd and "d/P"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/30 12:25

S14 7	0	"0390309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/30 12:26
S14 8	4	"039309".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/30 12:38
S14 9	3	S145 and miyazaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/30 14:13